

750
850
950
1150

Wheel loaders



kramerALLRAD



Versatile natural talents.

The cost-effective wheel loaders from Kramer Allrad.

All-rounder. Easy to operate.
Versatile and reliable in use.



"The decisive thing about a Kramer Allrad? You can just get in and drive off. They're extremely reliable and simplify the work process immensely. If it's a wheeled loader you need, then Kramer's the best."

Thomas Gruber, Engineering Site Supervisor, Germany



Colleagues. Uncomplicated,
strong, reliable, genuinely user-friendly.

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Intuitive operation of the ergonomically organised operator's controls and 360° all-round visibility for more safety and better performance at the construction site.

Comfortable and spacious cab fulfils all safety standards with ROPS and FOPS I.

Simple and efficient handling of materials due to the parallel controlled loading equipment and the Kramer load stabiliser.

Optimised bucket geometry to cope with high forces in construction applications and to maximise reduced loss of backfill material during transport.

Less damage in operation due to the machine's robust protective structure.

Safety and saved time due to the undivided frame and all-wheel steering, which gives more stability and unrivalled manoeuvrability in every situation.

Safety and comfort with a wide and ergonomic entry.



750 750 750

Balance of forces. Maximum manoeuvrability with maximum payload. Only one machine can do this – Kramer Allrad.

The Kramer wheel loader proves its stability with its tried and tested, undivided chassis.

The all-wheel drive ensures a minimal shift in the centre of gravity. Accordingly, a high level of safety against overturning is a given even on tight turns, uneven terrain and with maximum payloads.

1 All-wheel steering.

The unrivalled manoeuvrability of Kramer's all-wheel steering for tight spaces and quick work cycles.

2 Stacker principle.

Constant payload for each steering angle due to undivided chassis and all-wheel steering.

3 Stability.

Safety for the operator and machine even when working on difficult terrain.

4 Maximum payload.

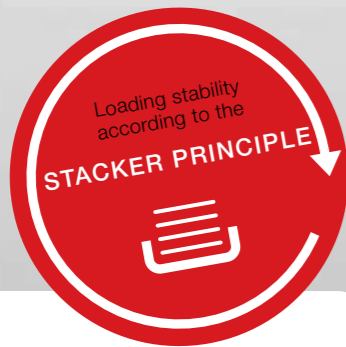
Undivided chassis and all-wheel steering enable safe loading procedure on any ground conditions.



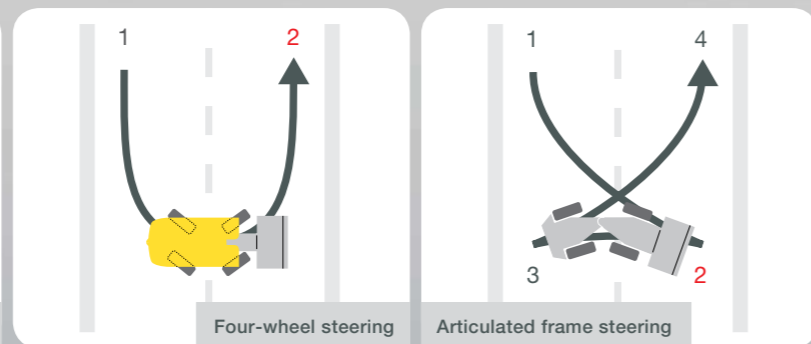
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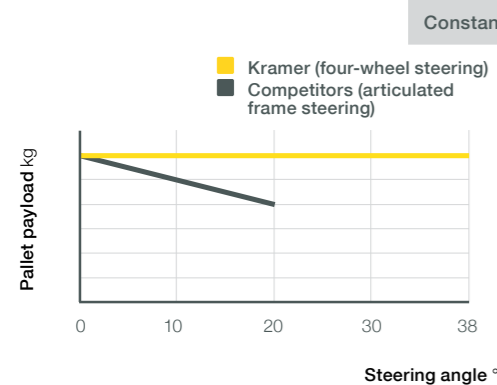


Constant leverage for constant payload.



Four-wheel steering

Articulated frame steering



The legendary Kramer all-wheel steering.

- Constant high payload over the entire steering angle range.
- No risk of tipping on tight bends or with maximum payloads.
- Guaranteed safety and efficiency even on difficult terrain.
- Fast and precise work cycles.



3



4

World champion in power-to-weight ratio. Loads everything, lifts everything, takes part in everything. And all in double-quick time.

The lifting force and load are always under control thanks to the parallel operated loading system. Due to high filling and dumping angles, no material is lost when filling levels in the bucket are high. As such, dumping is carried out efficiently and neatly.

1 Parallel operation.

Fully developed P-Kinematics for safe management of attachment devices and loading at all lift heights.

2 Dumping angle.

Broad dumping angle for simple emptying of bucket.

3 Tip-back angle.

Broad tip-back angle and Kramer load stabiliser for handling without material loss.



1 Easy to drive up to tool attachment.



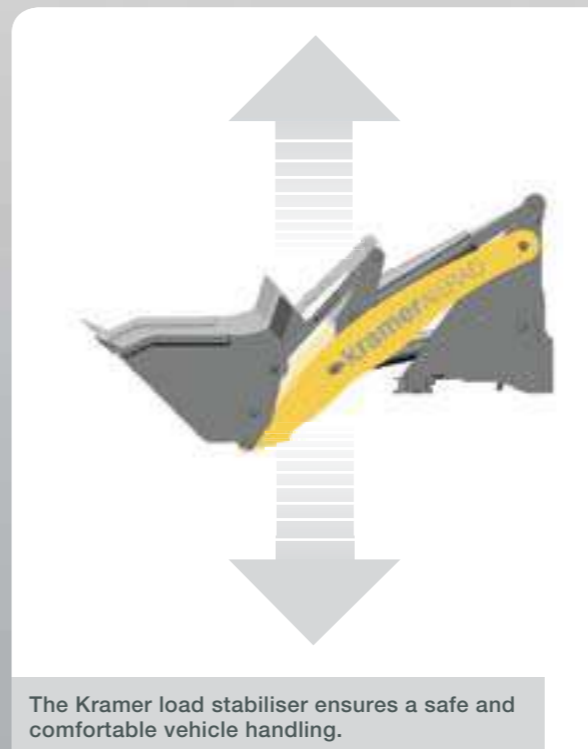
2 Hydraulically attach while seated.



3 With standard quick-hitch locking or unlocking.

Hydraulic quick-change system and parallel operated loading system:

- Switch attachments in a matter of seconds.
- High loading capacity due to four large bolts arranged in dirt-protected area
- Secure material handling due to optimised bucket geometry
- Simple and safe handling thanks to optimal visibility in attachment and working area
- Reference values in the parallel motion guarantee a secure stacking operation



The Kramer load stabiliser ensures a safe and comfortable vehicle handling.



Maximum tip-back angle for safe loading transport.



Broad dumping angle for simple emptying of bucket.

750

750

750

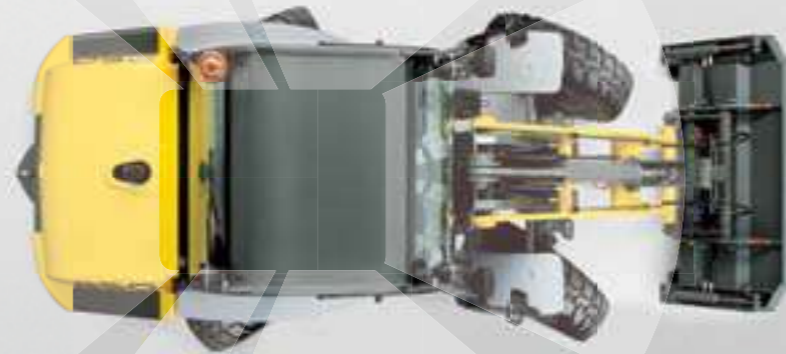
Panoramic position. Everything in view, everything at hand. From first sight of a true Kramer Allrad.

The sooner you become familiar with a machine, the sooner you can make it your own personal tool: The compact and logical design puts the operator into the picture at all times. The cab is particularly large and comfortable, offering a 360° view. The robust construction and the collision protection forgive small driver errors.

The intuitive operation ensures that the connection between man and machine works right away – a notable advantage for all occasional drivers who want to start immediately.

Roomy cab with perfect all-round visibility:

- Excellent visibility of the current attachment device and work environment
- Generous interior width and height
- Broad, safe entry and intuitively placed handholds
- Excellent ease-of-use due to multi-function joystick
- Simple and safe control of the drive due to an intuitive 2-pedal system
- Fully integrated, powerful heating and ventilation
- Adjustable ventilation window that can be locked into open-position
- Air-conditioner for comfortable work in all operating conditions



Ventilation window.

Aside from the optional air-conditioning, the ventilation ensures an optimal climate in the cab.



Intuitive operation.

Simple operation due to ergonomic operator's controls in the generous cab and safety due to the 2-pedal system.



Safe entry.

Reduced risk of injury due to the wide entry with step-geometry for maximum safety when beginning work.



Increased safety due to the 360° all-round view. Everything in view.

750

Full dynamics, full traction.

The road to success is paved with driving pleasure.

750

All Kramer Allrad wheeled loaders win over due to their powerful drives with excellent breakout force and continuous hydrostatic power transmission.

The optional fast gear up to 30 km/h ensures quick work cycles and saved time.



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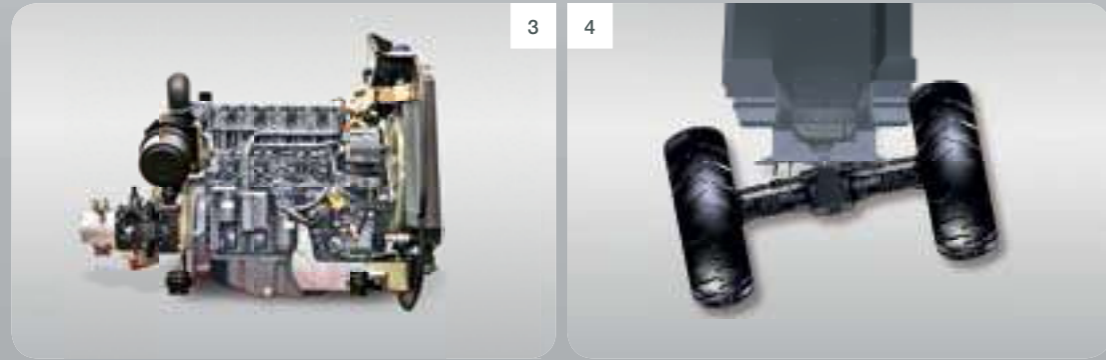
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Hydrostatic drive for minimal operating costs:

- Operation-oriented and impressive traction with high breakout force
- Simple direction control via joystick
- Low sound levels and reduced fuel consumption thanks to optimised engine output
- Superb traction on every surface due to choice of tyre options and standard differential lock

1 Fast gear drive up to 30 km/h.

Quick turnover and transport cycles without loss of tractive force.

2 Drive train.

Efficient drive train with effective disc brake system.

3 Performance.

Well-proven Deutz diesel engine with long maintenance intervals.

4 Oscillating rear axle.

Provides excellent stability across undulating ground.

5 Breakout force.

Excellent breakout force whatever the material for maximum bucket capacity.

Economic miracle. Suited for all tasks.
365 days of the year.

The operating hydraulics offer refined working at minimal operating forces and low noise levels in the cab.

In addition, the standard third control circuit ensures continuous function for efficient and comfortable operation of hydraulically driven attachments and the hydraulic quick-hitch.

Large diameter cylinders, efficient flow conditions, and coordinated pump capacity ensure fast work cycles.

1 Continuous operation.

Economic continuous operation with hydraulic attachments.

2 Joystick.

Ergonomic operation of the work tools.

3 Quick coupling.

Standard quick coupling for the third hydraulic circuit's control line.

4 Powerful hydraulics.

High opening and closing forces when using Kramer's grapple bucket.

5 Third control circuit.

Efficient operation of the hydraulic attachments.

Multi-functioned thanks to third control circuit:

- Standard hydraulic quick-hitch
- Increased flexibility due to efficient third control circuit
- Simple coupling of hydraulic functions
- Designed for continuous operation with attachment devices



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Easy service. Easy access, quick maintenance. A Kramer Allrad keeps running with minimum maintenance.



1 Opening the hood.

Wide opening angle of the engine hood for ergonomic maintenance access.

2 Maintenance points.

All service points can be reached safely.

3 Cab electronics.

Simple access to vehicle electrical system.

4 Lubrication points.

All lubrication points are easily accessible.

Maintenance and service:

- Easy maintenance access due to engine hoods that open wide
- Quick access of maintenance points for standard service and control work
- Easy access to cab air filter and to cab electronics
- Ergonomic and safe positioning of all lubrication points



Economical. Efficient performance, easy to transport.
A Kramer Allrad always counts.

With optimised performance weight, minimal transport weight and a constant higher payload, the efficiency calculation of this model series really does add up in the customer's favour.

1 Simple transport.

Lower overall height of the 750 and 850 wheeled loaders for economic transport.

2 Payload/operational weight relationship.

Reduced vehicle weight and high payloads due to undivided vehicle chassis.



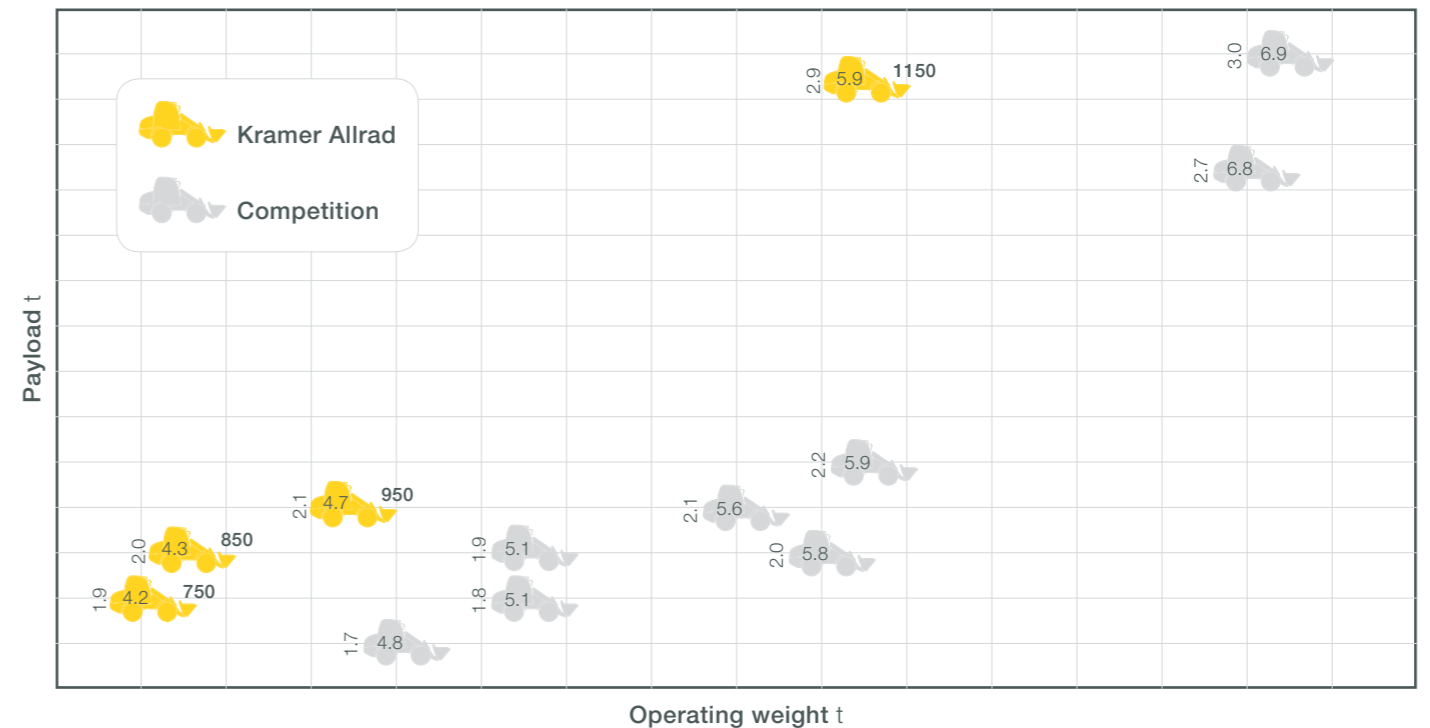
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Performance weight and compact measurements:

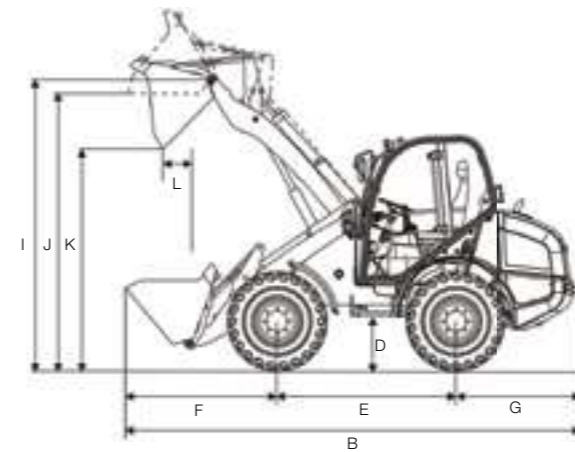
- High payload at low operating weight due to the Kramer stacking principle
- Compact measurements for simple transport
- Reduced operational weight and efficient engine for low fuel consumption.



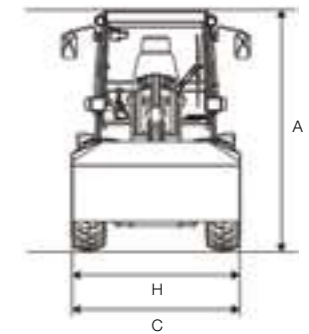
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Technical data.



Wheeled loaders with standard bucket and standard tyres (side view)



Wheeled loaders with standard bucket and standard tyres (front view)

	750	850	950	1150
DIMENSIONS				
A Height mm	2,480	2,510	2,650	2,700
B Length mm	4,840	5,040	5,360	5,800
C Width mm	1,720	1,720	1,890	1,890
D Ground clearance mm	300	300	325	375
E Wheelbase mm	1,920	1,920	2,050	2,150
F Centre of front axle to tip of teeth mm	1,570	1,770	1,880	2,170
G Centre of rear axle to end of vehicle mm	1,350	1,350	1,430	1,480
H Bucket width mm	1,750	1,850	1,950	2,150
I Bucket pin point mm	3,065	3,250	3,270	3,500
J Load-over height mm	2,915	3,100	3,120	3,285
K Dump height mm	2,400	2,500	2,520	2,720
L Dump reach mm	750	660	750	660
Pallet height mm	2,800	3,000	3,010	3,330
Turning radius mm				
Tyres	2,550	2,550	2,780	2,850
Track circle	2,350	2,350	2,560	2,650
Bucket	3,320	3,450	3,900	4,050

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GENERAL				
Bucket capacity m ³	0.75 – 1.15	0.85 – 1.30	0.95 – 1.60	1.15 – 1.80
Weight* kg	4,200	4,500	4,700	5,900
ENGINE				
Make	Deutz	Deutz	Deutz	Deutz
Type	D 2011 L04 W	D 2011 L04 W	D 2011 L04 W	D 2011 L04 W
Model	4-cylinder in-line-engine, water-cooled			
Output kW (PS) at rpm / min.	45/61 2,300	45/61 2,300	55/75 2,300	55/75 2,300
Max. torque Nm at rpm / min.	210 1,700	210 1,700	257 1,600	257 1,600
Displacement cm ³	3,620	3,620	3,619	3,619
Emissions	Tested and certified according to 97/68 EC			
POWER TRANSMISSION				
Drive	Continuously variable hydrostatic axial-piston gearbox, all-wheel drive, brake/inching pedal			
Drive speed km/h	0–20/0–30**	0–20/0–30**	0–20/0–30**	0–20/0–30**
Axles	Planetary steering axles	Planetary steering axles	Planetary steering axles	Planetary steering axles
Total oscillation angle °	22	22	22	22
Differential lock	Self-locking differential	Self-locking differential	100% lock value shift-able	100% lock value shift-able
Service brake	Hydr. disc brake	Hydr. disc brake	Hydr. disc brake	Hydr. disc brake
Parking brake	Mech. disc brake	Mech. disc brake	Mech. disc brake	Mech. disc brake
Standard tyres	12.5–18	12.5–20	14.5–20	405/70–24
STEERING AND WORK HYDRAULICS				
Mode of operation	Hydr. all-wheel steering	Hydr. all-wheel steering	Hydr. all-wheel steering	Hydr. all-wheel steering
Steering pump	Work pump via priority valve			
Steering ram	Double-acting, with automatic synchronisation in final position			
Max. steering angle °	2x40	2x40	2x40	2x40
Work pump	Gear pump	Gear pump	Gear pump	Gear pump
Flow rate l/min	50	71	71	84
Pressure bar	210	210	210	250
Filter	Combined suction-return filter			
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram			
KINEMATICS				
Model	Parallel kinematics	Parallel kinematics	Parallel kinematics	Parallel kinematics
Lifting force/ Biting force kN	31/29	40/35	40.6/38.9	48.4/43.7
Raising / Lowering sec	5.5/3.0	5.5/3.7	6.1/4.5	5.8/4.4
Tilting in /Tilting out sec	2.7/3.3	2.8/3.3	2.7/3.3	2.6/2.8
Tilt-in/tilt-out angle °	50/45	50/45	50/45	50/45
Tipping load (standard bucket) kg	3,000	3,200	3,420	4,140
Tipping load (pallets) kg	2,375	2,500	2,625	3,625
Payload S = 1.25 (pallets) kg	1,900	2,000	2,100	2,900
Payload S = 1.67 (pallets) kg	1,430	1,500	1,550	2,170
Scraping depth mm	50	60	53	50
CAPACITIES				
Fuel tank / Hydraulic fluid tank l	60/64	60/64	60/64	60/64
NOISE EMISSIONS				
	According to 2000/14/EU			
ELECTRIC SYSTEM				
Operating voltage V	12	12	12	12
Battery / alternator Ah/A	72/95	72/95	72/95	72/95
Starter kW	2.3	2.3	2.3	2.3

* Vehicle weight per basic set-up with standard bucket ** Option

STANDARD EQUIPMENT

Cabin	Soundproofed, vibration insulated, 4-point suspension cab with large, curved, tinted window (ROPS/FOPS-certified). Excellent all-around visibility from a comfortable environment for more safety and efficiency at work. Optimised visibility for a maximum dump height. Extremely spacious cab with a large number of storage possibilities. Instrument panel: Instrument panel designed for overview with illuminated controls and ergonomically arranged tip switches. Driver's seat: Mechanically-sprung comfort seat with automatic seat belt; weight, backrest, horizontal adjustment; fabric cover and integrated, adjustable armrest. Heating, ventilation: Easy-to-operate, powerful 3-speed heating and ventilation with recirculated-air mode. Windshield wipers: Front and rear. The double-wiper blade on a Kramer covers 85% of the front windshield for optimal visibility. The large washer fluid container offers extended use before need for refill. Rear-view mirrors: Large outside mirrors, foldable to notched positions on either side. Floor mats: The fitted floor mats are level with the frame. This enables easy cleaning of the cab's interior. Entry: Entering and exiting on the left side is possible with the large, comfortable steps. The right side window can be opened and locked for ventilation or communication, or left fully open. Door: Fully glazed = optimal view to the sides. The door can be opened to 180°. Glass: Large tinted windows for better visibility in the work area and better all-around sight. Joystick console: Ergonomically arranged control console. Mechanical pilot-controlled joystick for lifting/sinking and tipping in/out the load equipment with toggle switch for choice of direction of movement. Mechanical servo-controlled third control circuit for locking/unlocking the quick hitch facility and for operating hydraulic attachments, including position for continuous operation. 12 V socket Sunshade, cab lighting, steering column: fixed
Lighting	Rear lights, brake lights, blinkers, headlights 2 at front with main beam and side light
Engine cover	Opens widely for optimal maintenance access.
Quick hitch facility	Hydraulic quick hitch
Engine air supply	Via cyclone air filter with integrated safety cartridge
Key system	Single-key system for doors, engine hood and fuel tank
OPTIONS	
Cab with heating and ventilation	FOPS II protective grille, protective grille for front windshield, driver's seat in synthetic leather, radio unit, radio kit, 1 rear work light available, comfort driver's seat, air-cushioned driver's seat, rotating beacon, 2 front work lights, document box, protective sunshade film, back extension for standard seat, air-conditioning
Performance options	Floating position, hand and low-speed throttle, unpressurised front and rear return filter with overflow oil line, fuel pre-heating, electric sockets for front attachments, third control circuit, bypass filter, fuel filter with transparent level indicator, central lubrication unit, load hooks, industrial cooling (750 - 850), load stabiliser
Pre-heating	Fuel, engine and hydraulic fluid
Tyres	Industrial tyres, puncture protection kit, foam-filled tyres, multi-purpose profile, construction profile, traction profile
Security	Hose burst valves for life and tilt rams, shielding of moving engine parts, tool set, engine immobiliser, reverse warning system, protection against aggressive elements, fire extinguisher, warning strips as per DIN 30710, battery circuit breaker
Drive	High speed 0–30 km/h
Biodegradable oil	PANOLIN HLP Synth46
Non-standard paint	Yes
Warranty extension	Yes
Telematic	Yes
Work platform attachments	Yes
ATTACHMENTS	
	Pallet forks, standard bucket, grab bucket, lightweight materials bucket, super-lightweight materials bucket, high-tilt bucket, bulk materials bucket, side-swing bucket, snow blade, road sweeper, material pusher, work platform
	Other attachments per request

Changes reserved without notice. Errors and omissions excepted. Only the contractual agreement is decisive.

Model overview.

	MAXIMUM ENGINE PERFORMANCE	BUCKET CONTENTS	PAYLOAD S = 1.25	NET WEIGHT	TURNING RADIUS (Tyres)	MAXIMUM SPEED	MAXIMUM LOAD-OVER HEIGHT
MINI LOADERS							
350 Canopy	27 kW / 37 PS	0.35–0.55 m ³	750 kg	1,670 kg	1,950 mm	0–20 km/h	2,690 mm
350 CAB	27 kW / 37 PS	0.35–0.55 m ³	750 kg	1,720 kg	1,950 mm	0–20 km/h	2,690 mm
550 Canopy	35 kW / 48 PS	0.55–1.10 m ³	1,600 kg	3,450 kg	2,700 mm	0–30 km/h	2,890 mm
550 CAB	35 kW / 48 PS	0.55–1.10 m ³	1,600 kg	3,600 kg	2,700 mm	0–30 km/h	2,890 mm
650	35 kW / 48 PS	0.65–1.10 m ³	1,750 kg	3,800 kg	2,700 mm	0–30 km/h	2,900 mm
WHEEL LOADERS							
750	45 kW / 61 PS	0.75–1.15 m ³	1,900 kg	4,200 kg	2,550 mm	0–30 km/h	2,915 mm
850	45 kW / 61 PS	0.85–1.30 m ³	2,000 kg	4,500 kg	2,550 mm	0–30 km/h	3,100 mm
950	55 kW / 75 PS	0.95–1.60 m ³	2,100 kg	4,700 kg	2,780 mm	0–30 km/h	3,120 mm
1150	55 kW / 75 PS	1.15–1.80 m ³	2,900 kg	5,900 kg	2,850 mm	0–30 km/h	3,285 mm
380	45 kW / 61 PS	0.75–1.15 m ³	2,000 kg	4,300 kg	2,900 mm	0–35 km/h	2,915 mm
480	55 kW / 75 PS	0.85–1.30 m ³	2,150 kg	4,900 kg	2,900 mm	0–40 km/h	3,100 mm
580	55 kW / 75 PS	0.95–1.50 m ³	2,300 kg	4,920 kg	2,900 mm	0–40 km/h	3,050 mm
680	55 kW / 75 PS	1.05–1.60 m ³	2,500 kg	5,650 kg	2,950 mm	0–40 km/h	3,050 mm
780	55 kW / 75 PS	1.15–1.80 m ³	2,900 kg	6,100 kg	2,950 mm	0–35 km/h	3,200 mm
880	88 kW / 120 PS	1.50–2.50 m ³	3,500 kg	8,400 kg	3,450 mm	0–35 km/h	3,530 mm
TELE WHEEL LOADERS							
750T	45 kW / 61 PS	0.75–1.15 m ³	1,730 kg	5,100 kg	2,550 mm	0–30 km/h	4,510 mm
680T	55 kW / 75 PS	0.95–1.50 m ³	2,300 kg	5,650 kg	2,950 mm	0–35 km/h	4,450 mm
COMPACT TELEHANDLERS							
1245	29 kW / 40 PS	0.45–1.03 m ³	1,200 kg	2,530 kg	2,607 mm	0–20 km/h	4,130 mm
2506	50 kW / 68 PS	0.85–1.80 m ³	2,500 kg	4,730 kg	3,670 mm	0–30 km/h	5,600 mm
TELEHANDLERS							
3307	88 kW / 120 PS	1.20–2.50 m ³	3,300 kg	7,200 kg	3,600 mm	0–40 km/h	7,050 mm
4507	88 kW / 120 PS	1.20–3.00 m ³	4,400 kg	8,100 kg	3,600 mm	0–40 km/h	7,050 mm
4009	88 kW / 120 PS	1.20–3.00 m ³	4,000 kg	8,600 kg	3,650 mm	0–40 km/h	8,825 mm



**ASKED FOR GLOBALLY—
PRODUCED IN PFULLENDORF.**

Kramer-Werke, based in Pfullendorf, Germany, is a world leading manufacturer of compact construction machines and is part of the Wacker Neuson Group.



**PRODUCTION LOCATIONS
OF THE WACKER NEUSON GROUP**

- 1 Milwaukee, USA
- 2 Norton Shores, USA
- 3 Korbach, Germany
- 4 Pfullendorf, Germany
- 5 Reichertshofen, Germany
- 6 Linz, Austria
- 7 Kragujevac, Serbia
- 8 Manila, Philippines



The value wheel:
The success of our customers is at the centre of our business.

We win over with the values of a medium-sized, family-owned company that is publicly traded. With the strength and expertise of a globally active organisation. With staff that fulfil our motto every day with life and ideas.

We believe in quality, innovation, performance and character. And, most importantly, we believe in the continuing success of our customers.





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